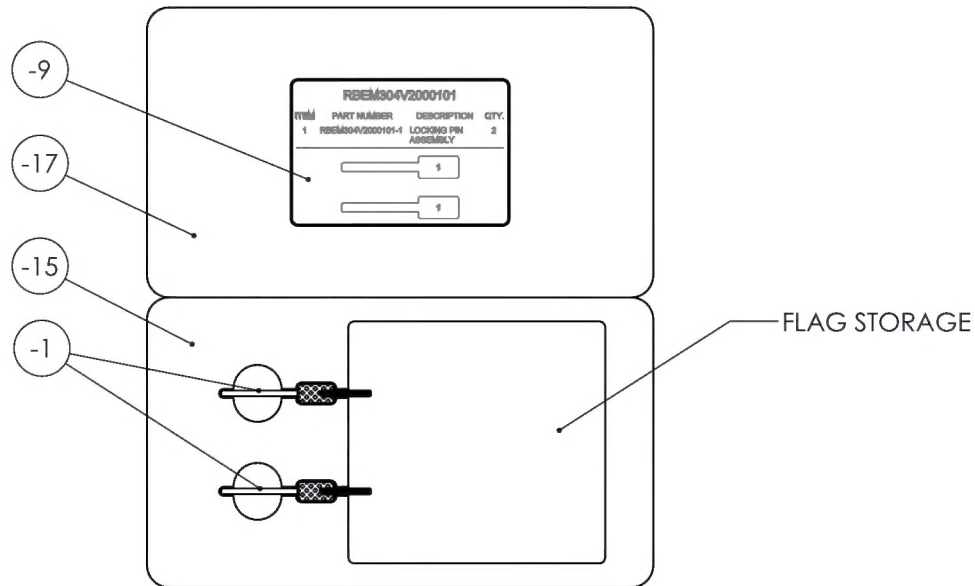


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.	8/15/2016	DPD	JAG

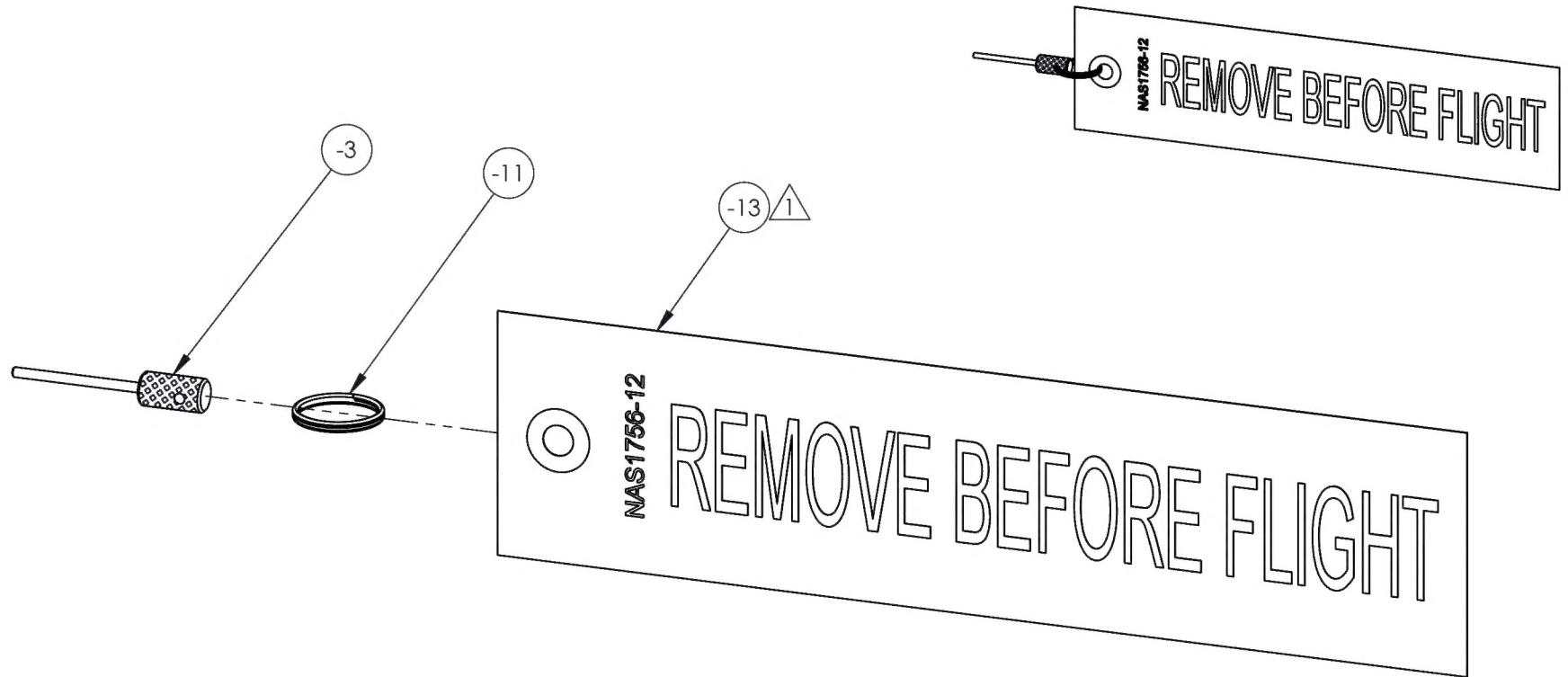


NOTE:
REF. AIRBUS T/N: M304V2000101.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.	DART AEROSPACE		
	X		-1	2	LOCKING PIN ASSEMBLY			2	TITLE WIPER LOCKING PINS		
X	1		-3		PIN WELDMENT			3	DWG NO. RBEM304V2000101		
1			-5		PIN HANDLE	304 S.S.		4	REV 1		
1			-7		PIN SHAFT	304 S.S.		5	MAT'L UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
			-9	1	PLACARD	PLASTIC		6	.XXX ± .005 FRACTIONS ± 1/8		
	1	B/O	-11		SPLIT RING	STEEL	Ø1-1/16 O.D. X Ø15/16 I.D. X 1/8 (MCMASTER-CARR #90905A673)	2	.XX ± .01 ANGLES ± 5°		
	1	B/O	-13		REMOVE BEFORE FLIGHT	NYLON	NAS 1756-12	2	.X ± .1 SURFACES = 125°		
		B/O	-15	1	BOTTOM FOAM	ETHAFOAM 220, BLACK	2.08 X 6.04 X 10.54 (CASE SOLUTIONS)	7	SPEC		
		B/O	-17	1	TOP FOAM	ETHAFOAM 220, BLACK	1.08 X 6.04 X 10.54 (CASE SOLUTIONS)	8	DRAWN BY: DUERFELDT		
		B/O	-19	1	CASE	PLASTIC	PELICAN #APP-1170-E	N/S	CHECKED: CLOUGH		
		B/O		1	DART PLACARD	ALUMINUM	RB41011	N/S	OPPS APPR: ANDERSON		
	ASSY -1								QA APPR: LINDSAY		
									APPROVED: GILBERT		
									SCALE 1:4		
									DATE 4/25/2016		
									SHEET 1 OF 8		

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REV	ECR	DESCRIPTION	DATE INITIAL APPROVED



NOTE:

1 INK STAMP T/N, S/N, "MADE IN USA."

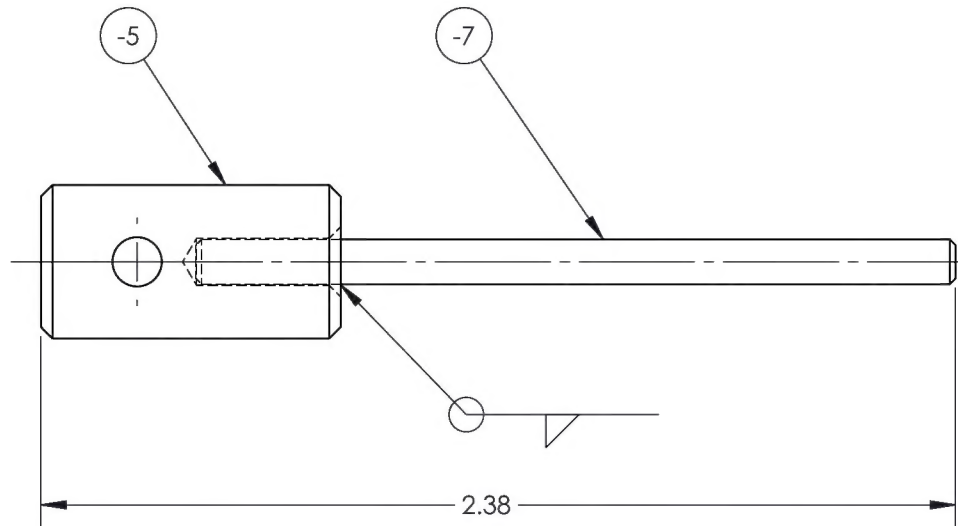
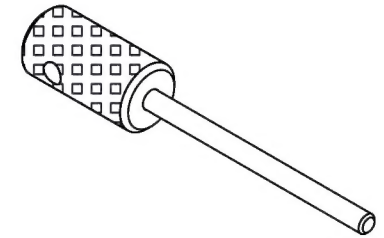
DART AEROSPACE	
TITLE WIPER LOCKING PINS	
DWG NO. RBEM304V2000101-1	REV 1
MAT'L HEAT TREAT FINISH	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125°
SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
CHECKED: CLOUGH	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
OPPS APPR: ANDERSON	USED ON MODEL
QA APPR: LINDSAY	H175
APPROVED: GILBERT	
SCALE 1:2	DATE 4/25/2016 SHEET 2 OF 8

-1

LOCKING PIN ASSEMBLY

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REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED	

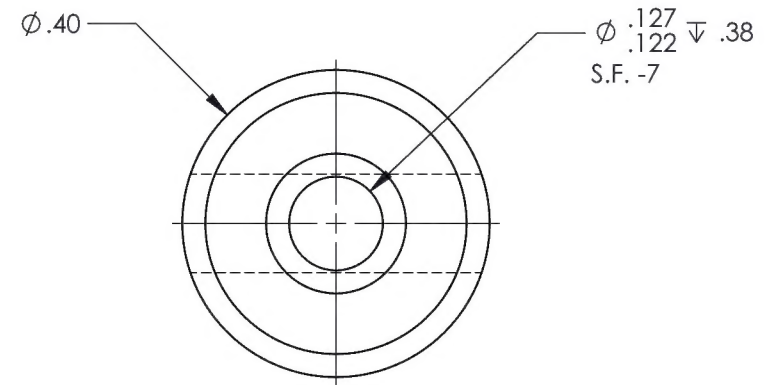
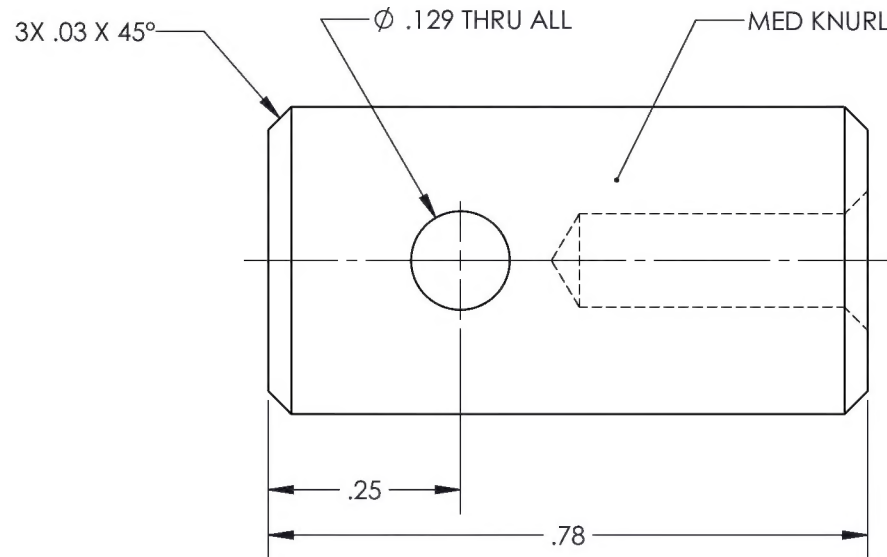
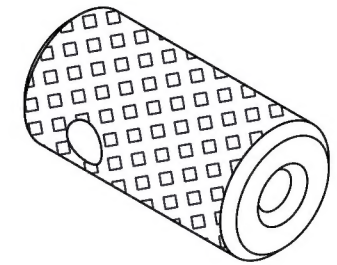


(-3)
PIN WELDMENT

DART AEROSPACE	
TITLE WIPER LOCKING PINS	
DWG NO. RBEM304V2000101-3	REV 1
MAT'L TREAT FINISH SPEC	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125°
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	H175
SCALE 2:1	DATE 4/25/2016
SHEET 3 OF 8	

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				APPROVED

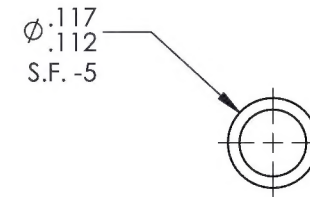
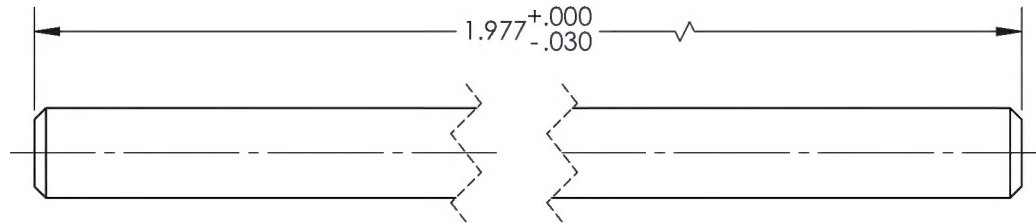
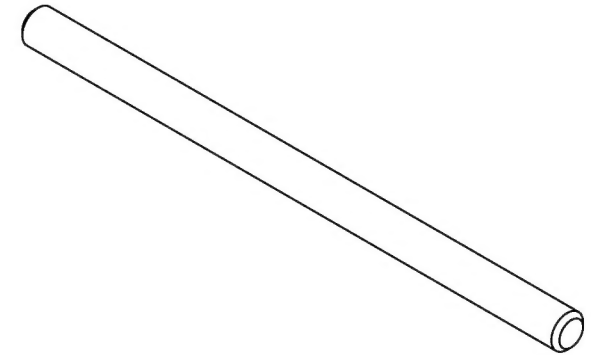


(-5)
PIN HANDLE

DART AEROSPACE	
TITLE WIPER LOCKING PINS	
DWG NO. RBEM304V2000101-5	REV 1
MAT'L 304 S.S.	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH	.XX ± .01 ANGLES ± .5°
SPEC	.X ± .1 SURFACES = 125° ✓
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	H175
SCALE 4:1	DATE 4/25/2016
SHEET 4 OF 8	

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REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED	



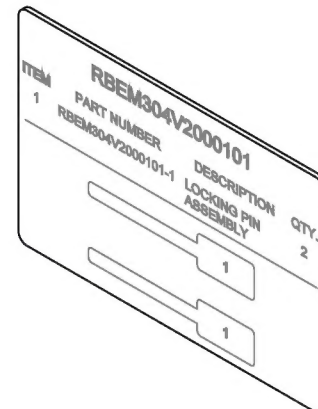
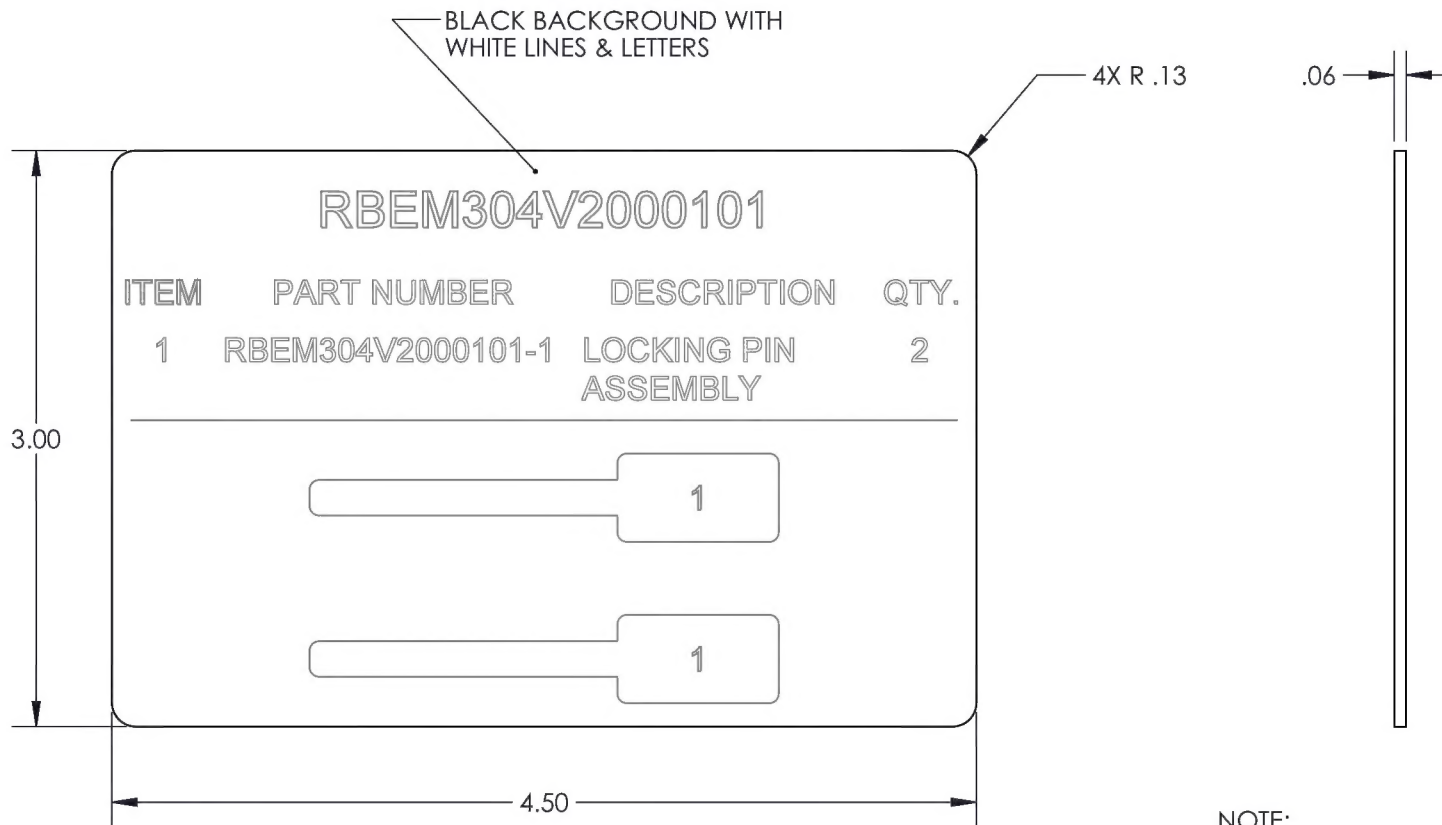
(-7)

PIN SHAFT

DART AEROSPACE	
TITLE WIPER LOCKING PINS	
DWG NO. RBEM304V2000101-7	REV 1
MAT'L 304 S.S.	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± .5°
	.X ± .1 SURFACES = 125
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES
CHECKED: CLOUGH	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	H175
SCALE 4:1	DATE 4/25/2016
	SHEET 5 OF 8

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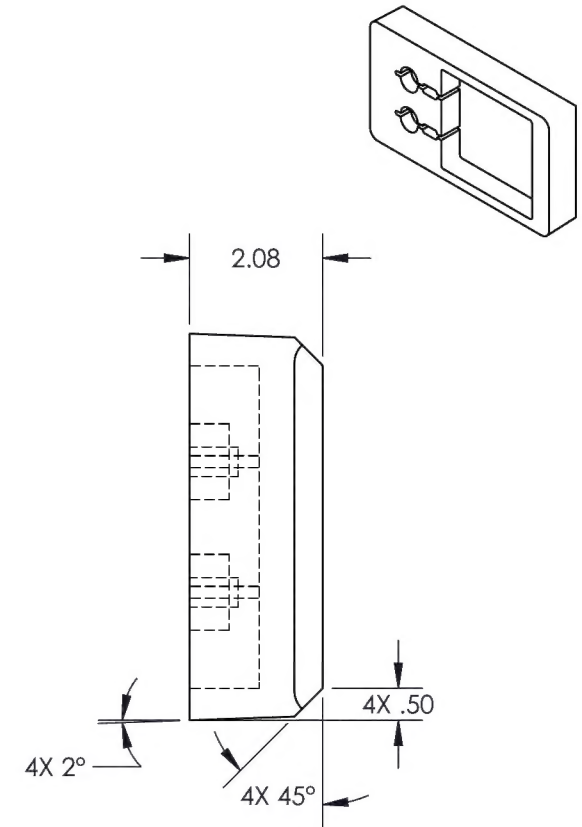
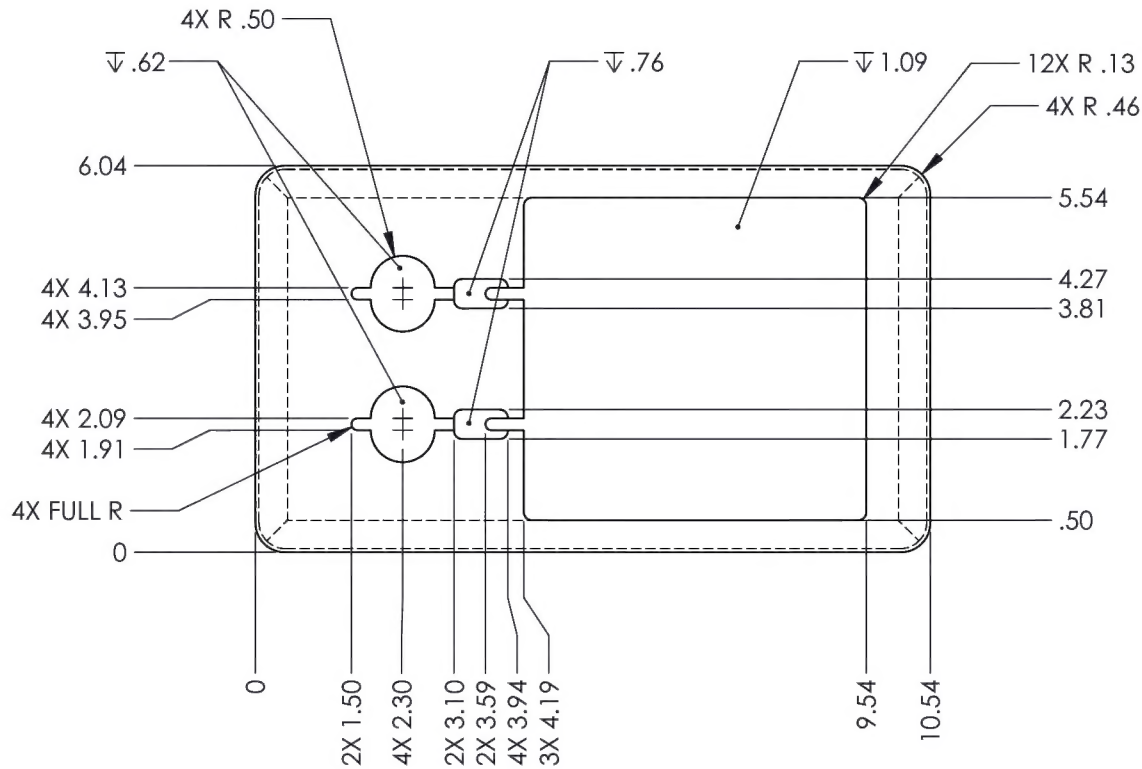
NOTE:
USE PDF.

(-9)
PLACARD

DART AEROSPACE																									
TITLE WIPER LOCKING PINS																									
DWG NO. RBEM304V2000101-9	REV 1																								
<table border="1"> <tr> <td>MAT'L PLASTIC</td> <td>UNLESS OTHERWISE SPECIFIED</td> </tr> <tr> <td>HEAT TREAT</td> <td>DIMENSIONS ARE IN INCHES</td> </tr> <tr> <td>FINISH</td> <td>.XXX ± .010 FRACTIONS ± 1/8</td> </tr> <tr> <td>SPEC</td> <td>.XX ± .03 ANGLES ± 1°</td> </tr> <tr> <td></td> <td>.X ± .1 SURFACES = 125</td> </tr> <tr> <td>DRAWN BY: DUERFELDT</td> <td>1. BREAK ALL SHARP EDGES</td> </tr> <tr> <td>CHECKED: CLOUGH</td> <td>.015 x 45° OR .015R</td> </tr> <tr> <td>OPPS APPR: ANDERSON</td> <td>2. DIMENSIONAL LIMITS APPLY</td> </tr> <tr> <td>QA APPR: LINDSAY</td> <td>AFTER PLATING</td> </tr> <tr> <td>APPROVED: GILBERT</td> <td>3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009</td> </tr> <tr> <td></td> <td>USED ON MODEL</td> </tr> <tr> <td></td> <td>H175</td> </tr> </table>		MAT'L PLASTIC	UNLESS OTHERWISE SPECIFIED	HEAT TREAT	DIMENSIONS ARE IN INCHES	FINISH	.XXX ± .010 FRACTIONS ± 1/8	SPEC	.XX ± .03 ANGLES ± 1°		.X ± .1 SURFACES = 125	DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES	CHECKED: CLOUGH	.015 x 45° OR .015R	OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY	QA APPR: LINDSAY	AFTER PLATING	APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009		USED ON MODEL		H175
MAT'L PLASTIC	UNLESS OTHERWISE SPECIFIED																								
HEAT TREAT	DIMENSIONS ARE IN INCHES																								
FINISH	.XXX ± .010 FRACTIONS ± 1/8																								
SPEC	.XX ± .03 ANGLES ± 1°																								
	.X ± .1 SURFACES = 125																								
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES																								
CHECKED: CLOUGH	.015 x 45° OR .015R																								
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY																								
QA APPR: LINDSAY	AFTER PLATING																								
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009																								
	USED ON MODEL																								
	H175																								
SCALE 1:1	DATE 4/25/2016																								
SHEET 6 OF 8																									

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REV	ECR	DESCRIPTION			



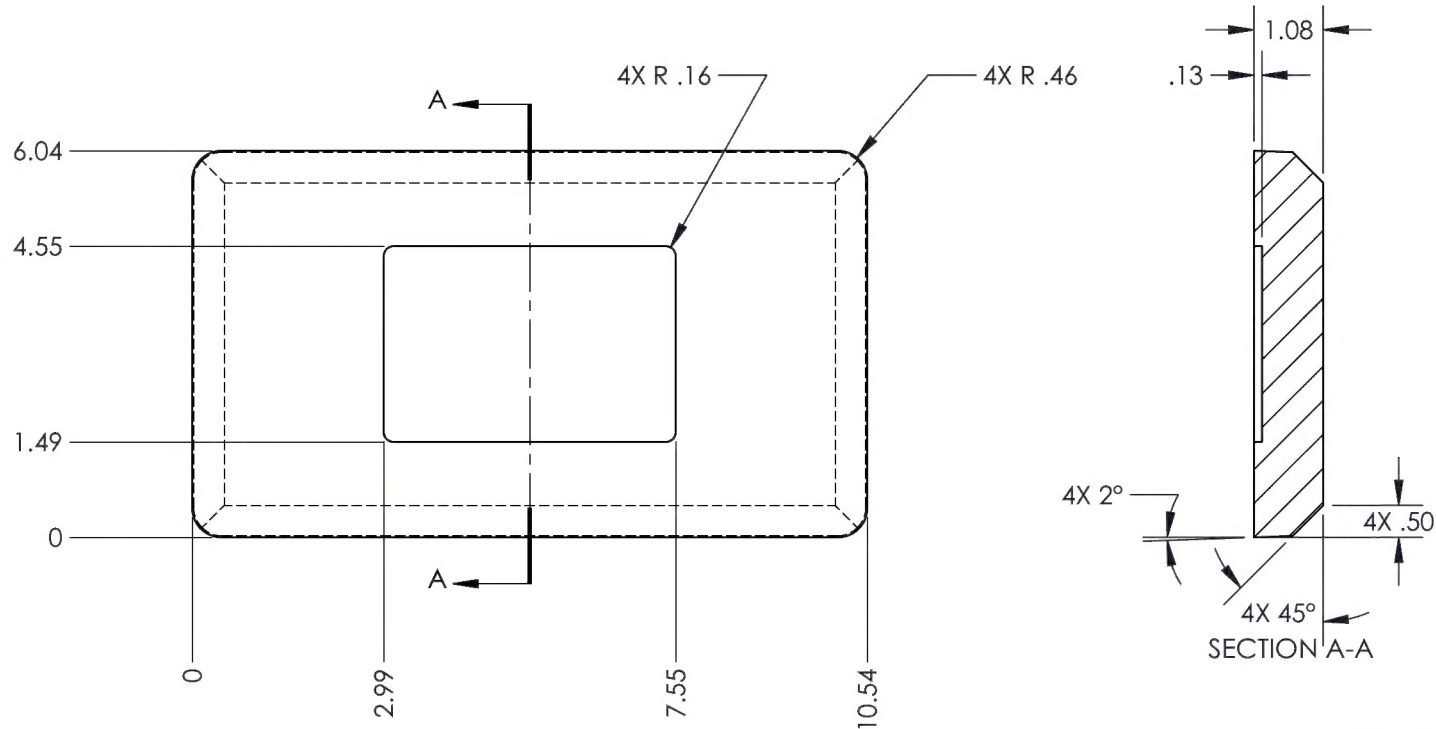
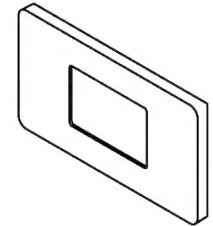
(-15)

BOTTOM FOAM

DART AEROSPACE	
TITLE WIPER LOCKING PINS	
DWG NO. RBEM304V2000101-15	REV 1
MAT'L ETHAFOAM 220, BLACK	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .010 FRACTIONS ± 1/8	
.XX ± .03 ANGLES ± 1°	
.X ± .1 SURFACES = 125°	
SPEC	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY:	DUERFELDT
CHECKED:	CLOUGH
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL H175	
SCALE 1:3	DATE 4/25/2016
SHEET 7 OF 8	

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(-17)
TOP FOAM

DART AEROSPACE	
TITLE: WIPER LOCKING PINS	
DWG NO.: RBEM304V2000101-17	REV: 1
MAT'L: ETHAFOAM 220, BLACK TREAT: _____ FINISH: _____ SPEC: _____	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125° ✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: DUERFELDT	USED ON MODEL
CHECKED: CLOUGH	H175
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE: 1:3	DATE: 4/25/2016
SHEET 8 OF 8	